

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072622\  
 Data File : BG054403.D  
 Acq On : 26 Jul 2022 18:20  
 Operator : CG/JU  
 Sample : N3854-01DL 2X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-189EDL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/27/2022  
 Supervised By : Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 04:33:59 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 15:54:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.985  | 152  | 23382    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.794 | 136  | 87882    | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.619 | 164  | 68063    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.368 | 188  | 166397   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.634 | 240  | 179417   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.836 | 264  | 194107   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.564  | 112  | 46339    | 41.378 | ng    | 0.00     |
| 7) Phenol-d6                | 7.168  | 99   | 66954    | 43.632 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.149  | 82   | 41962    | 26.002 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.111 | 330  | 58004    | 40.589 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.244 | 172  | 123839   | 25.667 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.977 | 244  | 243419   | 26.915 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene            | 14.689 | 154  | 9758     | 2.783  | ng    | 98       |
| 58) Fluorene                | 15.670 | 166  | 14201    | 2.769  | ng    | 100      |
| 71) Phenanthrene            | 17.409 | 178  | 334620   | 40.381 | ng    | 99       |
| 72) Anthracene              | 17.498 | 178  | 51524    | 6.336  | ng    | 98       |
| 73) Carbazole               | 17.768 | 167  | 31207    | 4.661  | ng    | 98       |
| 75) Fluoranthene            | 19.425 | 202  | 510535   | 45.197 | ng    | 94       |
| 78) Pyrene                  | 19.783 | 202  | 431765   | 41.940 | ng    | 97       |
| 81) Benzo(a)anthracene      | 21.616 | 228  | 291885   | 25.628 | ng    | 98       |
| 83) Chrysene                | 21.681 | 228  | 297425   | 27.641 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene  | 28.496 | 276  | 174084   | 11.789 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 23.825 | 252  | 382601   | 33.330 | ng    | # 98     |
| 89) Benzo(k)fluoranthene    | 23.878 | 252  | 111514m  | 9.761  | ng    |          |
| 90) Benzo(a)pyrene          | 24.683 | 252  | 271577m  | 27.702 | ng    |          |
| 91) Dibenzo(a,h)anthracene  | 28.532 | 278  | 49364    | 4.065  | ng    | # 90     |
| 92) Benzo(g,h,i)perylene    | 29.648 | 276  | 170141   | 14.197 | ng    | # 94     |
| -----                       |        |      |          |        |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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